

I CLAIM:

1. An artificial limb comprising:

a prosthetic upper limb part;

a prosthetic lower limb part disposed under said

5 upper limb part;

an upper connecting piece disposed under and connected fixedly to said upper limb part;

10 a lower connecting piece disposed under said upper connecting piece and disposed over and connected fixedly to said lower limb part; and

15 a locking member for locking said upper and lower connecting pieces releaseably on each other, said locking member being operable to permit relative movement of said upper and lower connecting pieces in a transverse direction of said artificial limb in such a manner that said upper and lower connecting pieces are retained on said locking member.

20 2. The artificial limb as claimed in Claim 1, wherein said upper connecting piece is formed with a vertical threaded hole, said lower connecting piece having a top wall that is formed with a slide slot which extends along said transverse direction of said artificial limb, said locking member being configured as a vertical lock bolt that extends along a longitudinal direction of said artificial limb and that extends through said slide slot in said lower connecting piece to engage said threaded hole in said upper connecting piece, said

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locking member having a head unit that presses against said top wall of said lower connecting piece so as to lock said lower connecting piece relative to said upper connecting piece when said locking member is screwed 5 tight and that is spaced apart from said top wall of said lower connecting piece so as to unlock said lower connecting piece from said upper connecting piece when said locking member is loosened.

3. The artificial limb as claimed in Claim 2, wherein said 10 upper connecting piece has a serrated horizontal bottom surface, said lower connecting piece having a serrated horizontal top surface, each of said serrated horizontal top and bottom surfaces being formed with a plurality of parallel teeth that extend along a direction perpendicular to said slide slot, said serrated horizontal top and bottom surfaces engaging 15 each other to prevent relative movement between said upper and lower connecting pieces when said locking member is screwed tight, said horizontal top and bottom surfaces being removable from each other to permit 20 relative movement between said upper and lower connecting pieces when said locking member is loosened.
4. The artificial limb as claimed in Claim 2, wherein said upper connecting piece has an integral tongue that extends upward therefrom and that is formed with an annular groove which extends around said threaded hole, 25 said upper limb part including:

a bottom surface with a retaining hole for receiving said tongue of said upper connecting piece;

5 a surrounding wall defining said retaining hole and having a plurality of bolt holes that are formed therethrough and that are communicated with said retaining hole; and

10 a plurality of inclined lock bolts extending respectively through said bolt holes in said surrounding wall and pressing against said tongue of said upper connecting piece, said inclined lock bolts engaging said annular groove in said tongue of said upper connecting piece so as to lock said upper connecting piece on said upper limb part.

15 5. The artificial limb as claimed in Claim 2, wherein said upper limb part has a bottom surface that is formed with an integral tongue that has a plurality of downwardly and outwardly inclined side surfaces, said upper connecting piece including:

20 a top surface with a retaining hole for receiving said tongue of said upper limb part;

a surrounding wall defining said retaining hole and having a plurality of bolt holes that are formed therethrough and that are communicated with said retaining hole; and

25 a plurality of inclined lock bolts extending respectively through said bolt holes in said surrounding wall and pressing against said inclined

side surfaces of said tongue of said upper limb part so as to lock said upper connecting piece on said upper limb part.

6. The artificial limb as claimed in claim 1, wherein said lower limb part has a cylindrical upper end, said lower connecting piece having a hollow cylindrical lower end portion that is sleeved around said cylindrical upper end of said lower limb part and that includes:

5 a vertical slot with an open lower end;
10 a pair of first and second projections connected fixedly to said lower end portion of said lower connecting piece and located at two sides of said slot, said first and second projections being disposed adjacent to said slot, said first projection being formed with a horizontal non-threaded hole therethrough, said second projection being formed with a horizontal threaded hole; and

15 a horizontal lock bolt extending through said non-threaded hole in said first projection and engaging said threaded hole in said second projection, said horizontal lock bolt being screwed tight to lock said lower limb part on said lower connecting piece and being capable of being loosened to permit removal of said lower limb part from said lower connecting piece.